Attorney Docket: 33345/US/4

Application Number: 10/720,907 Reply to O.A. dated October 15, 2004

THE CLAIMS

The listing of claims will replace all prior versions of claims in the application.

Listing of Claims:

1. (Original) A method to protect cells in a lipid bilayer membrane, comprising administering a formulation comprising:

Vitamin E as d-α-tocopherol;

Vitamin E as dl- α -tocopheryl;

Vitamin E mixed tocopherols; and

tocotrienols in the forms comprising inseparable tocopherols.

- 2. (Original) The method of claim 1 wherein said tocotrienols are in the forms α , γ , β , and δ , and said inseparable tocopherols are in the forms of α , γ , β , and δ , said tocotrienols and said tocopherols being from rice, whereby said formulation is beneficial for antioxidant protection of cells in the human body containing a lipid layer membrane.
- 3. (Original) The method of claim 1 wherein said tocotrienols are in the forms α , γ , β , and δ , and said inseparable tocopherols are in the forms of α , γ , β , and δ , said tocotrienols and said tocopherols being from p alm, whereby said formulation is beneficial for antioxidant protection of cells in the human body containing a lipid layer membrane.
- 4. (Original) The method of claim 1 wherein said Vitamin E mixed tocopherols are in the forms α , γ , β , and δ and are a blend of synthetic and natural sources of Vitamin E.
- 5. (Original) The method of claim 1 wherein said Vitamin E dl-α-tocopheryl is present at about 90 weight % of said active ingredients.
- 6. (Original) The method of claim 1 wherein said Vitamin E mixed tocopherols are present at about 5 weight % of said active ingredients.

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7. (Original) The method of claim 1 wherein said tocotrienols from natural

sources are present at about 5 weight % of said active ingredients.

8. (Original) A method to protect cells in a lipid bilayer membrane, comprising

administering a formulation comprising:

Vitamin E selected from at least one of the ester group consisting of:

dl- α-tocopheryl acetate; and

dl- α-tocopheryl succinate;

Vitamin E as d-α-tocopherol;

Vitamin E mixed tocopherols in the forms α , β , γ , and δ ;

tocotrienols in the forms α , β , γ , and δ .

9. (Original) The method of claim 8 wherein said Vitamin E as dl-α-tocopheryl

ester, said Vitamin E as d- α -tocopherol, and said Vitamin E mixed tocopherols in the forms α , β ,

 γ , and δ is a blend of synthetic and natural sources of Vitamin E, and said tocotrienols are from a

natural source.

10. (Original) The method of claim 8 wherein said Vitamin E as dl-α-tocopheryl

ester is present at from 5 mg to 400 mg.

11. (Original) The method of claim 8 wherein said Vitamin E as d-α-tocopherol

is present at from 5 mg to 400 mg.

12. (Original) The method of claim 8 wherein said Vitamin E as mixed

tocopherols is present at from 5 mg to 200 mg.

13. (Original) The method of claim 8 wherein said Vitamin E as mixed

tocotrienols in the forms α , β , γ , and δ is present at from 5 mg to 50 mg with variable

composition of isomers:

α tocotrienol at 1 to 30%;

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Application Number: 10/720,907 Attorney Docket: 33345/US/4 Reply to O.A. dated October 15, 2004 β to cotrien of at 0.1 to 30%; y tocotrienol at 1 to 30%; and δ tocotrienol at 0.1 to 30%. 14. (Original) The method of claim 13 comprising: inseparable variable content of carotenoids comprising: alpha carotene; beta carotene; gamma carotene; lycopene; and phytosterols and squalene. The method of claim 8 comprising: 15. (Original) a marker selected from at least one of the group consisting of: coenzyme Q10; rosemary oil; green tea; α lipoic acid; lycopene; grape seed extract;

pine bark extract;

vitamin C;

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natural beta carotene;

synthetic beta carotene;

 γ -oryzanol;

selenium; and

lutein.

16. (Original) A method to protect cells in a lipid bilayer membrane, comprising administering a formulation comprising:

Vitamin E selected from at least one of the ester group consisting of:

dl-α-tocopheryl acetate; and

dl-α-tocopheryl succinate;

Vitamin E as d- α -tocopherol;

Vitamin E mixed tocopherols in the forms α , β , γ , and δ ; and tocotrienols in the forms α , β , γ , and δ .

- 17. (Original) The method of claim 16 wherein said Vitamin E as dl- α -tocopheryl ester, said Vitamin E as d- α -tocopherol, and said Vitamin E mixed tocopherols in the forms α , β , γ , and δ is a blend of synthetic and natural sources of Vitamin E, and said tocotrienols are from a natural source.
- 18. (Original) The method of claim 16 wherein said Vitamin E as dl-α-tocopheryl ester is present at from 5 mg to 2000 mg.
- 19. (Original) The method of claim 16 wherein said Vitamin E as d- α -tocopherol is present at from 5 mg to 2000 mg.
- 20. (Original) The method of claim 16 wherein said Vitamin E as mixed tocopherols is present at from 5 mg to 2000 mg.

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21. (Original) The method of claim 16 wherein said Vitamin E as mixed

tocotrienols in the forms α , β , γ , and δ is present at from 5 mg to 500 mg with variable

composition of isomers:

α tocotrienol at 1 to 30%;

β tocotrienol at 0.1 to 30%;

y tocotrienol at 1 to 30%; and

 δ tocotrienol at 0.1 to 30%.

22. (Original) The method of claim 16 wherein said Vitamin E as dl-α-tocopheryl

ester, said Vitamin E as d- α -tocopherol, and said Vitamin E mixed tocopherols in the forms α , β ,

 γ , and δ is a blend of synthetic and natural sources of Vitamin E, and said tocotrienols are from a

natural source.

23. (Original) The method of claim 16 wherein said formulation is formed in a

soft gel capsule further comprising:

gelatin;

glycerin; and

water for said soft gelatin formulation.

24. (Original) The method of claim 16 comprising: a marker selected from at

least one of the group consisting of:

coenzyme Q10;

rosemary oil;

green tea;

α lipoic acid;

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lycopene;

grape seed extract;

pine bark extract;

vitamin C;

natural beta carotene;

synthetic beta carotene;

γ-oryzanol;

selenium; and

lutein.

25. (Canceled)